



US 20140354809A1

(19) **United States**(12) **Patent Application Publication**  
**Shondel**(10) **Pub. No.: US 2014/0354809 A1**(43) **Pub. Date: Dec. 4, 2014**(54) **UNMANNED AERIAL VEHICLE INVENTORY  
SYSTEM**(71) Applicant: **James W. Shondel**, Chicago, IL (US)(72) Inventor: **James W. Shondel**, Chicago, IL (US)(21) Appl. No.: **14/295,725**(22) Filed: **Jun. 4, 2014****Related U.S. Application Data**

(60) Provisional application No. 61/830,740, filed on Jun. 4, 2013.

**Publication Classification**(51) **Int. Cl.**  
**H04N 7/18** (2006.01)  
**G08G 5/00** (2006.01)  
**G06K 9/00** (2006.01)(52) **U.S. Cl.**CPC ..... **H04N 7/185** (2013.01); **G06K 9/00637**  
(2013.01); **G08G 5/0013** (2013.01); **G08G**  
**5/0069** (2013.01)USPC ..... **348/144**(57) **ABSTRACT**

Various embodiments provide a system and method for an unmanned aerial inventory system for maintaining an inventory record of shipping vessels at a storage facility. According to certain embodiments, the aerial inventory system includes an unmanned aerial vehicle having a detector and a transceiver. The detector is configured to detect an identifier of the shipping vessel. The transceiver is configured to transmit information relating to the identifier detected by the detector. The system may also include an operator device having a processor and a display. The operator device may be configured to receive information transmitted from the transceiver relating to the detected identifier and control the display of at least a portion of the information on the display. The operator device may further be configured to control at least a portion of a flight path of the unmanned aerial vehicle.

